COMPARITIVE STATEMENT

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YELAHANKA ZONE,
Executive Engineer,
anapura Division,
Colony.

BRUHATH BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Comparitive Statement

Name of Work:	Package No.03(Package consists of 21 works)
Estimate Amount:-	Rs 1090.00 LAKHS
Amount put to Tender	Rs 97474200.27
Name of Contractor:-	CGC INFRA PROJECTS PVT LTD (Sri C.G Chanadrappa # 1c 301, 3rd main block HRBR Layout kalyan nagar Bangalore 560043)
Approved amount:-	Rs 104297394.29
Tender premium:-	7% Above

Sl No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
1	Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, Roads drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up lift 1.5, excavated surface leveled and neatly dressed disposed	Cum	7483.71	178.07	1332623.35	6493.58	178.07	1156311.08	0.00	178.07	0.00	6493.58	1156311.08	0.00	176312.27	
2	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	13.20	5520.15	72865.98	0.00	5520.15	0.00	0.00	5520.15	0.00	0.00	0.00	0.00	72865.98	
	Removing B.S.slab of Drain and stacking and as per the directions of the Engineer-in-charge of the work .	Sqm	2129.05	70.32	149714.8	1729.33	70.32	121606.49	0.00	70.32	0.00	1729.33	121606.49	0.00	28108.31	

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		Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .	Sqm	7079.297	86.20	610235.4	7183.17	86.20	619188.82	0.00	86.20	0.00	7183.17	619188.82	8953.42	0.00	
Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. 7.5cms thick and as per the directions of the Engineer-in-charge of the work .	Sqm	1375.589	712.28	979804.53	1693.13	712.28	1205982.64	0.00	712.28	0.00	1693.13	1205982.64	226178.11	0.00	
Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. 10cms thick and as per the directions of the Engineer-in-charge of the work .	Sqm	2251.184	883.54	1989011.11	1774.33	883.54	1567691.53	0.00	883.54	0.00	1774.33	1567691.53	0.00	421319.58	
Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. and as per the directions of the Engineer-in-charge of the work .	Cum	8276.797	93.00	769742.12	9966.47	93.00	926881.50	0.00	93.00	0.00	9966.47	926881.50	157139.38	0.00	
Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	1648.425	52.17	85998.33	2060.53	52.17	107497.92	971.04	52.17	50659.26	3031.57	158157.18	72158.85	0.00	

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Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
		Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 1Skms.and as per the directions of the Engineer-in-charge of the work .	Cum	17722.13	124.12	2199670.78	19372.14	124.12	2404469.80	0.00	124.12	0.00	19372.14	2404469.80	204799.02	0.00	
KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-S3. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-	Cum	600.60	342.53	205723.52	750.75	342.53	257154.40	1526.90	342.53	523008.89	2277.65	780163.29	574439.77	0.00	
Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	1802.354	1891.85	3409783.41	2252.94	1891.85	4262229.27	3520.49	1891.85	6660229.38	5773.44	10922458.65	7512675.24	0.00	
KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Circular SP No.147, I No.19.56	Sqm	6635.90	32.89	218254.75	8294.88	32.89	272818.44	155.00	32.89	5098.11	8449.88	277916.55	59661.80	0.00	

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1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications.and as per the directions of the Engineer-in-charge of the work .	Sqm	5212.24	14.74	76828.42	6515.30	14.74	96035.52	9668.20	14.74	142509.19	16183.50	238544.71	161716.29	0.00	
	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	11127.74	29.49	328157.05	13909.68	29.49	410196.32	10795.88	29.49	318370.50	24705.56	728566.82	400409.77	0.00	
15	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by. power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	273.6426	6131.49	1677836.87	342.05	6131.49	2097296.08	479.87	6131.49	2942294.04	821.92	5039590.12	3361753.25	0.00	

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1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.163 of I.No.21.17.6 in PW,P&IWTD S.R 2016-17)	Cum	210.775	7618.42	1605772.48	263.47	7618.42	2007215.59	93.11	7618.42	709333.94	356.58	2716549.53	1110777.05	0.00	
Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	104726.90	3.40	356071.46	85574.84	3.40	290954.45	0.00	3.40	0.00	85574.84	290954.45	0.00	65117.01	
Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.and as per the directions of the Engineer-in-charge of the work .	Sqm	114857.90	13.61	1563216.02	93484.60	13.61	1272325.37	0.00	13.61	0.00	93484.60	1272325.37	0.00	290890.65	

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No: BBMP/EE/BTP/NO

Tel:080 22

Date: 22.10.2018

Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
		Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications.and as per the directions of the Engineer-in-charge of the work .	Cum	4743.08	8686.84	41202377.07	3938.28	8686.84	34211226.39	0.00	8686.84	0.00	3938.28	34211226.39	0.00	6991150.68	
Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	4320.791	580.71	2509126.54	3461.99	580.71	2010412.10	0.00	580.71	0.00	3461.99	2010412.10	0.00	498714.44	

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No: BBMP/EE/BTP/WO/ 14-

Sahakara Nag
Tel:080 2297595
22.10.2018

Sl. No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
21	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	313.20	885.81	277435.69	257.42	885.81	228023.44	0.00	885.81	0.00	257.42	228023.44	0.00	49412.25	
22	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a	Cum	313.20	4265.73	1336026.64	257.42	4265.73	1098075.69	0.00	4265.73	0.00	257.42	1098075.69	0.00	237950.95	

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			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
23	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene	Cum	905.27	6653.22	6022960.47	823.99	6653.22	5482215.02	0.00	6653.22	0.00	823.99	5482215.02	0.00	540745.45	
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Conrete Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms and 2Ltr of Primer per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	92.80	733.83	68099.42	0.00	733.83	0.00	0.00	733.83	0.00	0.00	0.00	0.00	68099.42	

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No: BBMP/EE
Tel:080
29.10.2018

Sl No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
25	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to	No	88.00	20030.40	1762675.2	88.00	20030.40	1762675.20	0.00	20030.40	0.00	88.00	1762675.20	0.00	0.00	
	Supplying and Fixing of..... mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. Using 32mm dia G.I.pipe (Pg No. 108, Item No. 17.12)	No	135.00	955.51	128993.85	135.00	955.51	128993.85	0.00	955.51	0.00	135.00	128993.85	0.00	0.00	
27	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or consealed system of wiring. a)4 sqmm. (Pg No. 12, Item No. 2.12.1)	No	440.00	8.03	3533.2	440.00	8.03	3533.20	0.00	8.03	0.00	440.00	3533.20	0.00	0.00	

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1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
28	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of ROUP-A.3.5 core 25sqmm (Pg No. 5, Item No. 7.4.5)	Rmt	150.00	177.19	26578.5	150.00	177.19	26578.50	0.00	177.19	0.00	150.00	26578.50	0.00	0.00	
29	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.25 sqmm to 75 sqmm (Pg No. 61, Item No. 7.8.7)	Rmt	150.00	37.24	5586	150.00	37.24	5586.00	0.00	37.24	0.00	150.00	5586.00	0.00	0.00	
30	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes25 sqmm Long Barrel (Pg No. 64, Item No. 7.21.7)	No	55.00	22.03	1211.65	55.00	22.03	1211.65	0.00	22.03	0.00	55.00	1211.65	0.00	0.00	
	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	426.135	549.11	233994.99	472.83	549.11	259633.07	0.00	549.11	0.00	472.83	259633.07	25638.08	0.00	

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1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
32	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	1184.764	5723.17	6780605.78	1059.80	5723.17	6065415.57	0.00	5723.17	0.00	1059.80	6065415.57	0.00	715190.21	
33	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design and as per the directions of the Engineer-in-charge of the work .	Cum	1197.248	11804.75	14133213.33	935.42	11804.75	11042399.25	0.00	11804.75	0.00	935.42	11042399.25	0.00	3090814.08	
	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Tonne	63.03	68740.46	4332711.19	56.05	68740.46	3852902.78	0.00	68740.46	0.00	56.05	3852902.78	0.00	479808.41	

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1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
35	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc. and as per the directions of the Engineer-in-charge of the work .	Sqm	5556.35	102.08	567192.21	4955.99	102.08	505907.46	0.00	102.08	0.00	4955.99	505907.46	0.00	61284.75	
36	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications.and as per the directions of the Engineer-in-charge of the work .	Cum	382.5802	4748.90	1816835.11	223.64	4748.90	1062055.87	0.00	4748.90	0.00	223.64	1062055.87	0.00	754779.24	
37	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	108.567	5676.67	616299.03	67.14	5676.67	381125.24	0.00	5676.67	0.00	67.14	381125.24	0.00	235173.79	
38	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	773.59	110.02	85110.37	627.57	110.02	69045.25	0.00	110.02	0.00	627.57	69045.25	0.00	16065.12	

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			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
39	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	80.2685	6171.18	495351.36	62.12	6171.18	383339.82	0.00	6171.18	0.00	62.12	383339.82	0.00	112011.54	
40	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	420.00	1034.39	434443.8	0.00	1034.39	0.00	0.00	1034.39	0.00	0.00	0.00	0.00	434443.80	

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Tel:080 2297
10.10.2018

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and	No	3091.00	355.00	1097305	1998.00	355.00	709290.00	0.00	355.00	0.00	1998.00	709290.00	0.00	388015.00	
42	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW,P&IWTD SR 2016-17)	Sqm	486.85	68.05	33130.14	120.23	68.05	8181.31	0.00	68.05	0.00	120.23	8181.31	0.00	24948.83	
43	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)	Rmt	440.00	928.91	408720.4	305.00	928.91	283317.55	0.00	928.91	0.00	305.00	283317.55	0.00	125402.85	

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No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
44	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint	Sqm	957.00	747.44	715300.08	592.50	747.44	442858.20	0.00	747.44	0.00	592.50	442858.20	0.00	272441.88	
5	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint	Rmt	469.00	367.48	172348.5	553.80	367.48	203510.87	0.00	367.48	0.00	553.80	203510.87	31162.37	0.00	

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No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
46	Fabricating, providing and erecting in poiston of Hot dip galvanised M S Ornamental security Grill using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading.	kg	20.00	9784.23	195684.6	0.00	9784.23	0.00	0.00	9784.23	0.00	0.00	0.00	0.00	195684.60	
47	Removing and resetting of footpath slab and as per the directions of the Engineer-in-charge of the work .	Sqm	626.52	141.78	88828.01	623.25	141.78	88364.39	0.00	141.78	0.00	623.25	88364.39	0.00	463.62	
48	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	27.36	401.67	10989.69	26.14	401.67	10498.05	0.00	401.67	0.00	26.14	10498.05	0.00	491.64	

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Sahakara
Tel:080 22975937
29.10.2018

	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
48	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	41.04	2979.54	122280.32	40.97	2979.54	122071.75	0.00	2979.54	0.00	40.97	122071.75	0.00	208.57	
50	KSRRB M2300-8.1. Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700-Height upto 5 m(P.No.226 , I.No.29.16.1 of PW,P&IWTD S.R S.R 2016-17)	Cum	29.974	7899.70	236785.61	0.00	7899.70	0.00	0.00	7899.70	0.00	0.00	0.00	0.00	236785.61	
51	KSRRB M2200 -6 Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification . MORTH Specification No.1600 & 2200(P.No.218 , I.No.28.8.3 of PW,P&IWTD S.R 2016-17)	Tonne	4.05	71909.41	291233.11	0.00	71909.41	0.00	0.00	71909.41	0.00	0.00	0.00	0.00	291233.11	

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Sahakara Nagara,Bangal
Tel:080 22975937
Date: 22.10.2018

No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
52	KSRRB M400-6.1. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. - For Grading II Materiall(P.No.155, I.No.20.4.2 of PW,P&IWTD S.R 2016-17)	Cum	254.10	1781.83	452763	317.63	1781.83	565953.75	912.39	1781.83	1625718.53	1230.01	2191672.28	1738909.28	0.00	
	Sub Total				**104297040.24**			90090256.44			12977221.84	312579.21	103067478.28	15646371.68	16875933.64	
			EIRL Estimate													
	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	0.00	0.00	0.00	48.12	5418.00	260714.16	0.00	5418.00	0.00	48.12	260714.16	260714.16	0.00	

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Date: 22.10.2018

No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
E3	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	0.00	0.00	0.00	354.15	2337.00	827648.55	0.00	2337.00	0.00	354.15	827648.55	827648.55	0.00	
	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour	Sqm	0.00	0.00	0.00	18.38	3416.21	62772.87	0.00	3416.21	0.00	18.38	62772.87	62772.87	0.00	
E4	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 123 Item No. 15.74 of SR 2018-19).	Sqm	0.00	0.00	0.00	36.75	107.75	3959.78	0.00	107.75	0.00	36.75	3959.78	3959.78	0.00	

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No	Description of Work	Unit	Qty as per Quoted Rate			Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total		Difference		Remarks
			Qty	Rates	Amount	Qty.	Rates	Amount	Qty.	Rates	Amt	QTY	AMOUNT	excess amount	Savings amount	
1	2	3	4	5	6	11	12	13	14	15	16	10	17	18	19	20
E5	KSRRB M800 Road markers/ Road stud , KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree.The strength of detachment of the integrated cylindrical shanks, (of	Nos	0.00	0.00	0.00	188.80	382.23	72164.16	0.00	382.23	0.00	188.80	72164.16	72164.16	0.00	
	Sub total				0.00			**1227259.52**			0.00	625804.61	**1227259.52**	**1227259.52**	**0.00**	
			Estimate+Eirl Estimate													
	Grand total				**104297040.24**			**91317515.96**			**12977221.84**	**938383.81**	**104294737.80**	**16873631.20**	**16875933.64**	

CGC INFRA PROJECTS PVT LTD
Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Executive Engineer

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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